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The City of Renton is accepting applications for

Water Utility Instrumentation/SCADA Technician
(Represented by 2170 AFSCME)

Salary Range: $4,400 to $5,363 per month

Date Opened: February 1, 2008
Date Closed: February 15, 2008

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APPLICATION PROCEDURE

To be considered for this position in the Planning/Building/Public Works Department, complete and return a **City of Renton Application, and Supplemental Questionnaire** on or before 5:00 pm on the closing date to HR & RM, 1055 South Grady Way, Renton, WA 98057. Postmarks are not accepted.

Applications may be obtained by using the following options:
- Download an application from the City's website, www.rentonwa.gov. Click on "City Jobs Available";
- Request an application via email at bsandler@ci.renton.wa.us;
- Visit the Human Resources & Risk Management Department on the seventh floor at City Hall; or
- Call 425.430.7650.

NATURE OF WORK

Under the direction of the assigned Supervisor, perform all electronic tasks required to operate, maintain, repair or updating the City of Renton's Telemetry Systems. The systems are used to monitor and operate the City's water and sewer system. The systems are used to meter, record, analyze, control, and indicate alarm failures. Inspect, test, calibrate instruments, troubleshoot malfunctions and make repairs as needed. Other duties include operating and maintaining The City of Renton's computer Supervisory Control And Data Acquisition System program (SCADA).

REPRESENTATIVE ESSENTIAL DUTIES
- Maintain, update, review design drawings and make repairs on the City's Supervisory Control and Data Acquisition (SCADA) computer for water and sewer system operations, and pump stations.
- Maintain inventory of hardware/software and software license.
- Perform a variety of technical support work related to the instrumentation and related electrical systems, including process control instrumentation systems, programmable logic controllers (PLCs), motor controls and telemetry systems.
- Determines priorities and troubleshoot emergency situations related to equipment failure or process downtime.
- Troubleshoots, modifies, repairs, calibrates and maintains:
  - City's control systems (computer, electronic, pneumatic and hydraulic)
  - Process control instrumentation
  - Various instrumentation and control equipment which is not limited to transducers, timers, switches, sensors, transmitters, monitors, recorders, detectors, flow meter, signal conditioners, annunciators and controllers
  - Programmable logic controllers (PLCs) based control system
  - Motor control center up to 480 volts
- Prepare and maintain a variety of records and reports, including calibration history on instrumentation and test equipment, maintain technical manuals, drawing and schematics for SCADA and equipment.

- Performs systems analysis for new and upgraded systems, including documenting systems, procedures and applications.
- Update technical and program documentation. Determine appropriate inventory of spare parts for critical instrumentation.
- Review blueprints, work orders and shop drawings to facilitate coordination of maintenance efforts.
- Assist in inspection of instrumentation installed by contractors. Witness and assess loop commission testing.
- Work with operations personnel, engineers and suppliers to explain the functioning of process and procedures needed for the operation of new equipment.
- Operate and maintain a variety of specialized tools and equipment, including computer diagnostic equipment, oscilloscope, signal simulator, calibrators, solder equipment and others.
- Perform other duties as assigned.

(Representative essential duties are intended to present the essential duties performed by employees in the classification and may not reflect all the duties performed in the job.)

WORKING CONDITIONS
Work is performed in office and field environments, in all weather conditions and requires the ability to perform heavy physical labor, lift objects weighing up to 60 pounds, and respond to emergency and off-hours situations.

MINIMUM REQUIREMENTS
Any equivalent combination of education and experience that provides the applicant with the knowledge, skills and abilities required to perform the job. A typical way to obtain the knowledge and abilities would be:

Experience:
Two years of progressively responsible experience in SCADA system, maintenance, instrumentation and electronics or/and other type of electronic equipment repair or maintenance.
Education:
High School Diploma. At least two years of electronic or instrumentation schooling. An associate degree is highly desirable.

LICENSES AND OTHER REQUIREMENTS:
Possess and maintain a Valid Washington State Driver's License. First Aid Card
Must be able to pass NIMS classes given by Homeland Security within one year in this classification.

SELECTION PROCEDURE
- The top applicants whose qualifications most closely meet the requirements of the position will be invited to participate in a competitive selection process consisting of an oral board interview weighted at 100%. The passing point will be 70%.
- A 6-month eligibility list may be established following completion of the selection process.
- A driving abstract will be required at time of hire and an offer of employment is subject to review.
- If you are invited to participate in the selection process and need ADA accommodation, please notify HR & RM at the time you are scheduled for testing. Healthcare provider documentation attesting to accommodation requirements shall be required prior to testing.

VETERAN'S PREFERENCE
In accordance with RCW 41.04, veterans who meet criteria for Veteran's Preference and achieve passing scores on competitive employment examinations may qualify to have 5 to 10% added to their final weighted score where a ranked eligibility list is established. If claiming Veteran's Preference, attach a copy of your DD214 to the back of the application along with the Veterans Status form. If the selection process does not include a competitively scored examination process with ranking, Veteran's Preference scoring criteria will not be applied. EOE-/bcs/2/08